

Abstract

5 An object of the present invention is to provide a thermoelectric-conversion element whose physical strength is high, whose generating capacity is large, whose probability of being damaged during its manufacturing process is low, and whose manufacture requires a relatively small number of man-hours. Another object of the present invention is to provide a method of manufacturing the thermoelectric-conversion element.

10 A thermoelectric-conversion element 1 comprising (i) an n-type member 10 which includes a conductive tubular member 11 having a channel 11h in it and an n-type semiconductive layer 12 formed on the outside of the conductive tubular member 11, (ii) a p-type member 20 which includes a conductive tubular member 21 having a channel 21h in it and a p-type semiconductive layer 22 formed on the outside of the conductive tubular member 21, and (iii) a connector 2 which electrically connects the conductive tubular member 11 of the n-type member 10 and the conductive tubular member 21 of the p-type member 20.

15